

وزارة التعليم العالي والبحث العلمي
جهاز الإشراف والتقويم العلمي
دائرة ضمان الجودة والاعتماد الأكاديمي

استمارة وصف البرنامج الأكاديمي للكليات والمعاهد

الجامعة : البصرة
الكلية/المعهد: كلية الطب
القسم العلمي : الاطفال

تاريخ ملء الملف : ٢٠١٩/١١/٦

التوقيع :
اسم المعاون العلمي :
التاريخ :

التوقيع :
اسم رئيس القسم : أ.م.د. عايده عبد الكريم
التاريخ : ٢٠٢٠-٢٠٢١

دقق الملف من قبل
شعبة ضمان الجودة والأداء الجامعي
اسم مدير شعبة ضمان الجودة والأداء الجامعي:
التاريخ
التوقيع

مصادقة السيد العميد

وصف البرنامج الأكاديمي

يوفر وصف البرنامج الأكاديمي هذا ايجازاً مقتضياً لأهم خصائص البرنامج ومخرجات التعلم المتوقعة من الطالب تحقيقها مبرهنناً عما إذا كان قد حقق الاستفادة القصوى من الفرص المتاحة . ويصاحبه وصف لكل مقرر ضمن البرنامج

١ . المؤسسة التعليمية	جامعة البصرة
٢ . القسم العلمي / المركز	كلية الطب / فرع طب الاطفال
٣ . اسم البرنامج الأكاديمي او المهني	البرنامج الاكاديمي لطلبة المرحلة السادسة
٤ . اسم الشهادة النهائية	بكلوريوس طب وجراحة عامة
٥ . النظام الدراسي :	سنوي
سنوي /مقررات /أخرى	

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الجامعة : البصرة
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اسم رئيس القسم : أ.م. د. عايدة عبد الكريم
التاريخ : ٢٠٢٠-٢٠٢١

التوقيع :
اسم المعاون العلمي :
التاريخ :

دقق الملف من قبل
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اسم مدير شعبة ضمان الجودة والأداء الجامعي:
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مصادقة السيد العميد

وصف البرنامج الأكاديمي

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٤. اسم الشهادة النهائية	بكلوريوس طب وجراحة عامة
٥. النظام الدراسي :	سنوي
سنوي /مقررات /أخرى	
٦. برنامج الاعتماد المعتمد	مجلس الاعتماد لكليات الطب في العراق
٧. المؤثرات الخارجية الأخرى	
٨. تاريخ إعداد الوصف	٢٠٢٠-٢٠٢١

٩. أهداف البرنامج الأكاديمي

1. To acquire knowledge about pediatrics necessary for any physician regardless of his or her future area of interest.
2. To gather, organize, and record health and illness data on pediatric patients in various age groups: newborn, infant, toddler, pre-school, school-age, and adolescent. This includes:
 - The ability to take a thorough history.
 - The ability to carry out a thorough physical examination and developmental assessment. The ability to record the above in conventional or problem-oriented format.
 - The ability to synthesize and analyze the information and to develop an approach to differential diagnoses.
 - The ability to formulate a plan of evaluation with critical use of the laboratory and other diagnostic studies with justification.
 - The development of skills in concise case presentation.
 - The acquisition of knowledge about general approaches to patient management (rather than fine detail).
 - The development of skills in performance of simple procedures.
3. To review the background information about disease entities encountered and the effects of disease on the developing child.

١٠. مخرجات البرنامج المطلوبة وطرائق التعليم والتعلم والتقييم

أ- الاهداف المعرفية

- 1- **Demonstration of common pediatric problems** in form of problem solving cases linked with the theoretical lectures .
- 2- **Skills and competencies** : The importance of knowing how to talk with children and their parents in language they understand , Be aware of the importance of how to give information with very significant implications on the child, for example, malignant diseases, neuro-developmental delay. Be able to explain to parents about common childhood illness and, when needed, to provide reassurance , To take every opportunity to talk to parents, child companion or caring staff about preventive measures and health promotion.
- 3- **Attitudes and conduct** : The student needs to develop attitude and behave in such away to; Minimize pain , Recognize that un-cooperative behavior is part of normal child , Respect child privacy, confidentiality, and consent and understand parental feelings and concerns

- 4- **Communicator skills** The student should be able to: Demonstrate appropriate communication techniques necessary to be able to obtain a complete history and perform physical examinations, taking into consideration the child's age and the family's cultural social-economic and educational differences and Acknowledge patient and family concerns in a sensitive manner .

ب - الأهداف المهاراتية الخاصة بالبرنامج

At the end of the clinical course of 10weeks , sixth year students should know the following:

- 1- The students acquire proficiency in history taking and physical examination by studying various diseases. This also involves reading, asking questions, participation in discussion and studying the physical and intellectual development during childhood.
- 1- Experience in dealing with the common pediatric problems in the community and to master the programs of primary health care; Immunization programs, IMCI program and promotion of breast feeding, in addition to assessment of nutritional status by clinical teaching in primary health center.
- 2- How to deal with essential pediatric procedures and skills
- 3- Common Pediatric Skills and Knowledge Seminars:
- 4- The important knowledge about different disease in pediatric words and interactive teaching and discussion made by teachers to cover all the aspect of pediatric diseases in the pediatric words

طرائق التعليم والتعلم

- 1-Daily clinical sessions (small group teaching) /4 days per week
- 2- Seminar weekly on Thursday
- 3- Daily mini talk introduce by students and make interactive discussion between the student about different topics and practical procedure
- 4 – Teaching the student about different Procedures in clinical practice that needed in emergency and NCU , ICU
- 5 – Teaching in primary health center for one week during the clinical course
- 6 – Teaching the students in the outpatients during their clinical course
- 7- The student learned how to deal with emergency cases through their attendance in the emergency department.

طرائق التقييم

1. Daily assessment during clinical session the marks divided into discussion participation , OSCE daily ,re presenter of the case for discussion , re presenter of the mini talk and the student attitude and his communication (appendix)
2. Written examination include Best of Five (BOF) , Extended matching question (EMQ) , and case problem at the final year examination
3. Clinical examination includes OSCE at the end of 10 Week course .
4. Frequent Quizzes during the clinical course
5. Case presentation (each student should take long case during the course and write it as if he was a doctor including his history , provisional diagnosis , suggested investigation and management , and a them determined by supervising teacher) this case at the end of the course discussed with the student by supervising teacher .

Communication Skills

Communication is an important component of patient care. Effective health care communication is an essential tool for accurate diagnosis and for the development of a successful treatment plan, correlating with improved patient knowledge, functional status, adherence to the treatment regimen, and improved psychological and behavioral outcomes. In the case of distressing news, skillful communication can enable a family to adapt better to a challenging situation, including a child's unanticipated impairments. Poor communication, on the other hand, can prompt lifelong anger and regret, can result in compromised outcomes for the patient and family, and can have medico –legal consequences for the care giver.

Clearly, improved communication will enhance patient outcomes and satisfaction.

There are 3 elements of physician-parent-child communication:

Communicator role

The student should be able to:

- Demonstrate appropriate communication techniques necessary to be able to obtain a complete history and perform physical examinations, taking into consideration the child's age and the family's cultural social-economic and educational differences.
- Acknowledge patient and family concerns in a sensitive manner.
- Communicate using open-ended inquiry, listen attentively and verify for understanding. – Communicate clearly with parents and children, sharing information in understandable language. Write clear, accurate and informative admitting histories and physical examinations as well as progress notes reflecting the patient's care and management.

Professional role

The student will be able to:

- Behave in a professional and ethical manner at all times.
- Demonstrate integrity, honesty and respect for others including patients, their families and caregivers, and members of the health care team.
- Demonstrate respect for the families' individual rights of autonomy, privacy and confidentiality.
- Value his/her role as a learner in the health care team.
- Recognize his/her strengths and limitations in caring for children and their families and ask for appropriate assistance.

Scholar role

The student will be able to:

Engage in ongoing self-directed learning.

Access, utilize and assess educational resources and material to obtain reliable and accurate information relevant to clinical questions at hand.

طرائق التعليم والتعلم

- 1- Theoretical lectures on principles of ethics in pediatrics
- 2- Demonstration of proper communication skills by tutor before each clinical course
- 3- Observation of inter professional communication skills manner with other colleagues and health team staff

طرائق التقييم

- 1- Daily assessment of communication skills
 - *Inter professional communication with the other colleague
 - *Building a rapport with patients
- 2- OSCE

د-المهارات العامة والتأهيلية المنقولة (المهارات الأخرى المتعلقة بقابلية التوظيف والتطور الشخصي).

د ١-

د ٢-

د ٣-

د ٤-

طرائق التعلم والتعليم

طرائق التقييم

١١. بنية البرنامج

الساعات المعتمدة		اسم المقرر أو المساق	رمز المقرر أو المساق	المرحلة الدراسية
عملي	نظري			
١٠ اسابيع				السادسة

١٢. التخطيط للتطور الشخصي

- 1- Building a rapport with patient .
- 2- Communication skills
- 3- The student is expected to identify himself as an undergraduate student then are expected to be strict with role of college regarding attendance hours and to wear approved colleague uniform and behave appropriately .
- 4- They actively participate to give a feed back about their experience in pediatric department .

١٣. معيار القبول (وضع الأنظمة المتعلقة بالالتحاق بالكلية أو المعهد)

١٤. أهم مصادر المعلومات عن البرنامج

- **Illustrated Textbook Of Pediatrics, by Tom Lissauer and Graham Clayden**
- **Supplementary readings:**
- **Nelson Essentials of Pediatrics**
- **Nelson Textbook Of Pediatrics .Robert M. Kliegman, Karen Marcdante, Hal B. Jenson, & Richard E. Behrman. WB Saunders Co .**
- **Learning Objective concerned with requirements during clinical training made by pediatric faculty.**

طريقة التقييم	طريقة التعليم	اسم الوحدة / أو الموضوع	مخرجات التعلم المطلوبة	السااعات	الأسبوع
		<p>According to the learning objective in the logbook includes:</p> <ul style="list-style-type: none"> •Daily attendance to the Round tour. •Discussion of cases introduced by the student (Appendix 1) •Mini talk (appendix 2) •Outpatient attendance •Training in the ER at 4 to 8 pm • International PLS Course (appendix 3) •Attendance at the primary health care for one week during the course (appendix 4) •Attendance of seminars(task based learning) (appendix 5) •Attendance and performance of important Practical procedure in clinical practice (appendix 6) •Hospitals Program Clinical Teaching(appendix 7) • Formative assessment (appendix 8) •Training schedule (appendix 9) 			
Physical examination	Clinical sessions	History and physical in pediatrics	Mentioned	250	Every 10 weeks up to 40 weeks

١٠. البنية التحتية

<ul style="list-style-type: none"> • Illustrated Textbook Of Pediatrics, by Tom Lissauer and Graham Clayden • Supplementary readings: • Nelson Essentials of Pediatrics • Logbook for the medical students made by the pediatrics departments. 	١- الكتب المقررة المطلوبة
	٢- المراجع الرئيسية (المصادر)
Nelson Textbook Of Pediatrics . Robert M. Kliegman, Karen Marcdante, Hal B. Jenson, & Richard E. Behrman. WB Saunders Co .	١- الكتب والمراجع التي يوصى بها المجالات العلمية , التقارير , (
E .Learning Website	ب - المراجع الالكترونية, مواقع الانترنت

١١. خطة تطوير المقرر الدراسي

Student Center Learning

Appendix 1

Curriculum of themes and index of learning objectives that should be covered during the clinical practice

Themes	Minimum no. of sessions	Diseases	learning objectives index(pages)
Nutrition and gastroenterology	10	Malnutrition & nutritional assessment	17,18
		Diarrheal Diseases (assessment & management)	
		Malabsorption	
		Abdominal Pain	
Respiratory and Allergy	10	Others	18
		Bronchopneumonia	
		Bronchiolitis	
		Croup	
		Bronchial Asthma	
Hemato-oncology	6	Others	19,20
		Acquired Anemia	
		Hereditary Anemia (SCA, Thalassemia,G6PD deficiency)	
		Bleeding Disorders (acquired & hereditary)	
Neurology	6	Malignancies(leukemia & lymphomas)	20,21
		Others	
		Meningitis, Encephalitis	
		Gullian- Barri syndrome & other neuropathies	
Neonatology	6	Cerebral Palsy	21
		Others	
		Neonatal Resuscitation	
		Gestational Age Assessment	
		SGA & LGA	
		Infant of Diabetic Mother	
		Neonatal seizures	
		Neonatal infections	
Neonatal hypoglycaemia			
Cardio-vascular Diseases	4	Neonatal Jaundice	22
		Others	
		Congenital Heart Diseases (as VSD, TOF)	
		Heart Failure	
		SBE	
Child Development	2	Hypertension	22
		Others	
Child Development	2	Assessment of Developmental Age	22
		Developmental Delay	

Nephrology	4	Nephritis (as acute post-streptococcal glomerulonephritis)	23
		Nephrotic Syndrome	
		Renal Failure	
		Urinary Tract Infections	
		Others	
Endocrine	2	Diabetes Mellitus	23,24
		Short Stature	
		Hypothyroidism and others	
Emergency cases	6	Assessment of emergency and priority signs	24
		Common emergency conditions	
Primary health care centre	2	IMCI and follow-up of children at well-child clinic visits	25
Teaching skills laboratory	2	Basic life support, foreign body inhalation, peripheral and intra osseous canulation	26

Appendix 2 – Minitalk

During the clinical course of the sixth year all the students prepare different important subjects determined by pediatric faculty and they introduce these topics daily in a form of one subject daily by one student and the other students discussing the topics together with the introducer under supervision of the teachers . The following topics are included in the minitalk :

<u>Basra General Hospital</u>		<u>Basra Maternity & Children Hospital</u>	
<u>1</u>	<u>Anthropometric measures</u>	<u>1</u>	<u>Phototherapy</u>
<u>2</u>	<u>DC-Shock</u>	<u>2</u>	<u>Exchange transfusion</u>
<u>3</u>	<u>ORS & ReSoMal</u>	<u>3</u>	<u>Incubator & CPAP</u>
<u>4</u>	<u>Therapeutic milk & Nutritional support</u>	<u>4</u>	<u>NG tube</u>
<u>5</u>	<u>Infusion sets</u>	<u>5</u>	<u>Blood transfusion</u>
<u>6</u>	<u>Nebulizer</u>	<u>6</u>	<u>Desferal pump</u>
<u>7</u>	<u>Spacer, metered dose inhaler & peak flow meter</u>	<u>7</u>	<u>Intraosseous canulation</u>
<u>Al-Mawani General Hospital</u>		<u>Basra Specialty Children Hospital</u>	
1	Insulin therapy	1	ECG
2	Glucometer	2	Acid-base abnormalities
3	Chest X-ray interpretation	3	Oxygen therapy
4	Fluid therapy	4	Spinal needle & lumber puncture
5	Intravenous canulation	5	Pulse oximetry
6	Urine sample collection	6	Blood pressure measurement
7	Growth measures	7	Infection control in pediatric wards

Appendix 3

International PLS Course

Date/ days	Training	Location
Day 1	E learning module	Electronic Hall
Day 2	Skills training	Skill lab.
Day 3	Skills training	Skill lab.

Skill training schedules

Time	Activity
8:00-8.30	Registration
10 minutes	Introduction lecture (All students)
15 minutes	Tennis ball game (2 Groups)
15 minutes	“ Surgeon” video part 1 + 2 and discussion (All students)
60 minutes	Round Table teaching (Seven students)/ each round
10 minutes	Feedback and debriefing

Appendix 4

primary health care centre training schedules

Training program of 6th year students in the primary health center at (Al Razy Center and Basra Primary Health care Center)

DAYS	PROGRAM	TOPICS
DAY 1	Iraqi Immunization Schedule	<ul style="list-style-type: none">• Dose ,route and component of different vaccine that are included in WHO program• Timing, contraindications and side effect of vaccine• Validity and storage of vaccine during transport and administration• Special vaccine and their indications
	Breast Feeding	<ul style="list-style-type: none">• Benefit and proper position of breast feeding• Contraindications• Associated problems and their management
DAY 2	IMNCH (Integrated Management of Childhood, Neonate Health)	<ul style="list-style-type: none">• Management of acute respiratory tract infections (cough and difficult breathing ,throat problems ,ear problems)• Assess and management of infant below 2 months• Management of acute diarrheal diseases• Oral rehydration therapy• General danger signs and classification of different patient problems
DAY 3	Development Assessment	<ul style="list-style-type: none">• Gross and fine motor development• Speech ,vision ,hearing ,social behavior and skills• Causes of delay development (partial or global)
DAY 4	Nutrition Assessment	<ul style="list-style-type: none">• Clinical signs of malnutrition including Wasting ,edema, eye signs and skin changes• Assess severity of malnutrition clinically• Measurement of weight and length or height• Application of different growth charts• Calculation of standard deviation

Appendix -5 – seminars (TBL)

The students takes one seminar every Thursday includes the following subjects

الموضوع
Chronic kidney disease
Fluid therapy, electrolytes disturbances and blood gas analysis
Developmental delay
Fever and skin rash
Hyper tension in children
ECG interpretation and case presentation
Interpretation of hematological data Quiz
Transfusion therapy and transfusion reactions Quiz
Slides review in pediatrics and Drug prescription and therapeutics Quiz

Appendix -7
Practical procedure in clinical practice

Procedure
Blood and blood products administration
Bone marrow aspirate
Collection of urine sample
Estimation of blood sugar by glucometer
Giving IV drugs and fluids
Insertion naso gastric tube
Lumbar puncture
Newborn exchange transfusion
Subcutaneous and IV injection
Taking blood from a child
Urinary catheterisation
Venous canulation
Ventolin nebulizer

Appendix -7
Hospitals Program Clinical Teaching

Basra General Hospital		Basra Maternity & Children Hospital	
1st Week	Malnutrition & nutritional assessment Diarrheal Diseases (assessment & management) Malabsorption Abdominal Pain Others (Emergency problems)	1st Week	Neonatal Resuscitation Gestational Age Assessment SGA & LGA-IDM Neonatal seizures Neonatal infections Neonatal hypoglycemia Neonatal Jaundice Others
Week	Bronchopneumonia Bronchiolitis Croup Bronchial Asthma Developmental assessment Epilepsy & CP Others	2nd Week	Acquired Anemia Hereditary Anemia (SCA, Thalassemia, G6PD deficiency) Bleeding Disorders (acquired & hereditary) Malnutrition & nutritional assessment Others
Al-Mawani General Hospital		Basra Specialty Children Hospital	
1st Week	Nephritis (as acute post-streptococcal glomerulonephritis) Nephrotic Syndrome Renal Failure Urinary Tract Infections Others	1st Week	Meningitis, Encephalitis Gullian- Barri syndrome & other neuropathies Malignancies (leukemia & lymphomas) Others
2nd Week	Diabetes Mellitus Short Stature Hypothyroidism Poisoning Others	2nd Week	Congenital Heart Diseases (as VSD, TOF) Heart Failure Hypertension Others

Formative Assessment

Pediatrics department
Basra medical college
Mini-Clinical Evaluation Exercise
(Mini-CEX) Rating Form
(Formative assessment)

Note

Data from formative assessments is collated for the purpose of evaluation. Identifiable data will not be presented in any published reporting.

Student name: Date of assessment: ___ / ___ / ___

Class : Case number for that year.....

Teacher (**Assessor**) name.....

Hospital:

Ward:

Setting: **In-patient** _ **Out-patient** _ **Emergency** **Other (please specify)**.....

Patient problem/Dx(s).

Patient age: Patient gender: **Male** _ **Female**

Rate the student against what you would expect of a student in that year of training

	Unsatisfactory		satisfactory			superior		not observed		
1. Medical interviewing skills	1	2	3	4	5	6	7	8	9	n/o
2. Physical examination skills n/o		1	2	3	4	5	6	7	8	9
3. Communications skills	1	2	3	4	5	6	7	8	9	n/o
4. Counseling skills	1	2	3	4	5	6	7	8	9	n/o
5. Clinical judgment	1	2	3	4	5	6	7	8	9	n/o
6. Organization/efficiency	1	2	3	4	5	6	7	8	9	n/o
7. Overall clinical performance	1	2	3	4	5	6	7	8	9	

Strength points:

Suggestions for development

If a student receives a rating which is unsatisfactory, the assessor must complete this section for the form to be submitted

Time taken for observation: min

Time taken for feedback: min

Assessor's signature :

جدول التدريب الافتراضي خلال جائحة كورونا

اليوم	التدريسي	الموضوع
الاحد	د حنان راضي	Acute diarrhea (history examination of GIT, case presentation)
الاثنين	د مرتضى ياسين	Fluid therapy (seminar)
الثلاثاء		
الاربعاء	د سوسن عيسى	FTT (History, examination, case presentation)
الخميس	د حنان راضي	(Fever and rash seminar)
الاحد	د حسين جاسم	Respiratory system
الاثنين		History, examination, case presentation
الثلاثاء		
الاربعاء	د خالد احمد	Cardiovascular system
الخميس		History, examination, case presentation
الاحد	د ميعاد كاظم	Thalassemia
		History, examination, case presentation
الاثنين	د علياء محمد راضي	Bleeding tendency
		History, examination, case presentation
الثلاثاء		
الاربعاء	د ضحى صبيح	History, examination, case presentation
		SCD
الخميس	د ميعاد كاظم	Interpretation of hematological data(seminar)
الاحد	د علياء محمد راضي	Transfusion therapy (seminar)
الاثنين	د اسعد عيسى	Oncology cases
الثلاثاء		
الاربعاء	د مرتضى ياسين	Renal cases(case presentation)
الخميس	د عباس عبد خزعل	Chronic renal disease(seminar)
الاحد	د عباس عبد خزعل	Diabetes Mellitus(case presentation)
الاثنين	د عاصم خالد عاصم	Neonatology(history ,examination, case presentation)
الثلاثاء		
الاربعاء	د عاصم خالد عاصم	
الخميس	د عائدة عبد الكريم	
الاحد	د عائدة عبد الكريم	
الاثنين	د سوسن عيسى د ضحى	Communication skills(seminar)

	صبيح د بهاء عبد الحسين	
الثلاثاء		
الاربعاء	د جواد كاظم	CNS (history & examination)
الخميس	د بهاء عبد الحسين	CNS (case presentation)
الاحد	د جواد كاظم	CNS infections(seminar)
الاثنين	د حسين جاسم	Floppy infant(seminar)
الثلاثاء		
الاربعاء	د اسعد عيسى	Slide review(seminar)
الخميس	د سوسن عيسى د حنان راضي	Pediatric Life support

Appendix 9

جدول التدريب السريري للمرحلة السادسة /المجموعة (ب)

مكان التدريب	المجموعة	فترة التدريب
مهارات التواصل/كلية الطب	المجموعة كاملة	2019/10/13 لغاية 2019/10/17
مستشفى البصرة للنسائية والأطفال	أ	2019/10/20 لغاية 2019/10/31
مستشفى البصرة العام	ب	
مستشفى الموائى العام/ مستشفى الطفل التخصصي	ج	
مراكز الرعاية الصحية الأولية	د	
مراكز الرعاية الصحية الأولية	أ	2019/11/3 لغاية 2019/11/21
مستشفى البصرة للنسائية والأطفال	ب	
مستشفى البصرة العام	ج	
مستشفى الموائى العام/ مستشفى الطفل التخصصي	د	
التدريب على برنامج IPLS في مختبر المهارات السريرية في كلية الطب	كل المجاميع	
مستشفى الموائى العام/ مستشفى الطفل التخصصي	أ	2019/11/24 لغاية 2019/12/5
مراكز الرعاية الصحية الأولية	ب	
مستشفى البصرة للنسائية والأطفال	ج	
مستشفى البصرة العام	د	
مستشفى البصرة العام	أ	2019/12/8 لغاية 2019/12/12
مستشفى الموائى العام/ مستشفى الطفل التخصصي	ب	
مراكز الرعاية الصحية الأولية	ج	
مستشفى البصرة للنسائية والأطفال	د	
اسبوع الامتحان		2019/12/15 لغاية 2019/12/19